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(54) Title: INDOLSULFONYL COMPOUNDS USEFUL IN THE TREATMENT OF CNS DISORDERS

(57) Abstract: The invention relates to novel indole compounds having pharmacological activity, processes for their preparation, to compositions containing them and to their use in the treatment of various CNS disorders.



WO 02/041889 A3

INTERNATIONAL SEARCH REPORT

Internatic plication No
PCT/EP 01/13411

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/404 A61P25/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BIOSIS, MEDLINE, EMBASE, SCISEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 02 32863 A (BIOVITRUM AB ; JOHANSSON GARY (SE); CALDIROLA PATRIZIA (SE); NILSSO) 25 April 2002 (2002-04-25) claims 17,23,24 ----	1-3,6-16
A	US 6 100 291 A (SLASSI ABDELMALIK ET AL) 8 August 2000 (2000-08-08) cited in the application column 1, line 55 - line 67 column 4 ----	13,14,16
A	WO 96 03400 A (PFIZER ; MACOR JOHN EUGENE (US)) 8 February 1996 (1996-02-08) claim 6 page 44; example 9 claims 9-11 , sentence 4; claim 5 ----- -/--	1,2,6,7, 11-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

4 November 2002

Date of mailing of the international search report

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Internati plication No
PCT/EP 01/13411

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SAKAMOTO, TAKAO ET AL: "Preparation and palladium-catalyzed arylation of indolylzinc halides" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1: ORGANIC AND BIO-ORGANIC CHEMISTRY (1996), (16), 1927-1934 , XP002104812 -----	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP 01/13411

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 13 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; It is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 01/13411

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0232863	A	25-04-2002	AU 9619301 A	29-04-2002
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			US 6255306 B1	03-07-2001